

# Mustafa Arslan

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

920  
citations

516710

16  
h-index

610901

24  
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25  
all docs

25  
docs citations

25  
times ranked

1051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining Elemental Sulfur with Polybenzoxazines via Inverse Vulcanization. <i>Macromolecules</i> , 2016, 49, 767-773.	4.8	132
2	Benzoxazine-Based Thermosets with Autonomous Self-Healing Ability. <i>Macromolecules</i> , 2015, 48, 1329-1334.	4.8	116
3	Inverse vulcanization of bismaleimide and divinylbenzene by elemental sulfur for lithium sulfur batteries. <i>European Polymer Journal</i> , 2016, 80, 70-77.	5.4	82
4	Recycling and Self-Healing of Polybenzoxazines with Dynamic Sulfide Linkages. <i>Scientific Reports</i> , 2017, 7, 5207.	3.3	79
5	Benzoxazine-Based Thermoset with Autonomous Self-Healing and Shape Recovery. <i>Macromolecules</i> , 2018, 51, 10095-10103.	4.8	62
6	Mobile Phone Sensing of Cocaine in a Lateral Flow Assay Combined with a Biomimetic Material. <i>Analytical Chemistry</i> , 2017, 89, 9629-9632.	6.5	53
7	Improving catalytic hydrolysis reaction efficiency of sol-gel-encapsulated <i>Candida rugosa</i> lipase with magnetic $\beta$ -cyclodextrin nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 182-189.	5.0	45
8	Poly(benzoxazine-co-sulfur): An efficient sorbent for mercury removal from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45306.	2.6	44
9	Ring-Opening Polymerization of 1,3-Benzoxazines via Borane Catalyst. <i>Polymers</i> , 2018, 10, 239.	4.5	38
10	Combining benzoxazine and ketene chemistries for self-healing of high performance thermoset surfaces. <i>Polymer Chemistry</i> , 2018, 9, 2031-2039.	3.9	37
11	Dibenzoyldiethylgermane as a visible light photo-reducing agent for CuAAC click reactions. <i>Polymer Chemistry</i> , 2015, 6, 8168-8175.	3.9	32
12	Polyethylene-g-Polystyrene Copolymers by Combination of ROMP, Mn <sub>2</sub> (CO) <sub>10</sub> -Assisted TEMPO Substitution and NMRP. <i>ACS Macro Letters</i> , 2016, 5, 946-949.	4.8	27
13	Removal of Carcinogenic Azo Dyes from Water by New Cyclodextrin-Immobilized Iron Oxide Magnetic Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	26
14	Post-Modification of Polybutadienes by Photoinduced Hydrogen Abstraction from Benzoxazines and Their Thermally Activated Curing. <i>Macromolecules</i> , 2016, 49, 5026-5032.	4.8	25
15	Synthesis and characterization of novel bio-based benzoxazines from gallic acid with latent catalytic characteristics. <i>Reactive and Functional Polymers</i> , 2019, 139, 9-16.	4.1	24
16	Enantioselective sorption of some chiral carboxylic acids by various cyclodextrin-grafted iron oxide magnetic nanoparticles. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 982-989.	1.8	21
17	Poly(epsilon caprolactone)/clay nanocomposites via host-guest chemistry. <i>European Polymer Journal</i> , 2015, 71, 259-267.	5.4	17
18	Double fluorescence assay via a $\beta$ -cyclodextrin containing conjugated polymer as a biomimetic material for cocaine sensing. <i>Polymer Chemistry</i> , 2017, 8, 3333-3340.	3.9	16

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19	“Biomimetic-electrochemical-sensory-platform” for biomolecule free cocaine testing. Materials Science and Engineering C, 2018, 90, 211-218.	7.3	11
20	Functionalization of Poly(oxindole biphenylene) membranes by photoinduced thiol-yne click chemistry. Journal of Membrane Science, 2020, 598, 117673.	8.2	11
21	Post modification of acetylene functional poly(oxindole biphenylene) by photoinduced CuAAC. European Polymer Journal, 2018, 100, 298-307.	5.4	8
22	Synthesis of polystyrene- <i>b</i> -poly(ethylene glycol) block copolymers by radical exchange reactions of terminal RAFT agents. Designed Monomers and Polymers, 2014, 17, 238-244.	1.6	5
23	Synthesis and characterization of novel mussel-inspired benzoxazines by thiol-benzoxazine chemistry. Turkish Journal of Chemistry, 2019, 43, 1472-1485.	1.2	4
24	Simple Preparation of a Novel Poly(vinyl Alcohol)/Gallic Acid Adsorbent for Effective Removal of Methylene Blue from Aqueous Solution. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	4